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On

5/31/02

(Date)

Julie H. Gamotis

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Fax: (703) 305-7687

LANG et al.

Serial No. 9/852,616

Art Unit: 3617

Filed: May 11, 2001

Examiner: A. Vasudeva

For: LOW-DRAG HYDRODYNAMIC SURFACES

Official

SUPPLEMENTAL RESPONSE

FAX RECEIVED

MAY 31 2002

GROUP 3600

To the Director of the Patent and Trademark Office

Sir:

In further response to the office action dated April 12,
2002, kindly replace page 7 of the response filed May 8, 2002
with the attached page 7. Two typographical errors on line 7 of
page 7 are corrected on the attached page.

The errors recently were first noted by the applicant upon
reading the response after a long involvement with preparing for,
conducting and studying data from testing of a model in a towing
basin.

Respectfully,



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May 31, 2002

hydrofoil drag could be reduced by using closed cavities, in the region below the fence.

No examples are known where the Group II claims were applied to a towed body, torpedo, submarine, personal watercraft or motorized surfboard. No useful way to reduce drag on these bodies by using the Group II claims is known.

~~Is~~ No Group I claims are patentable, Group II claims must be patentable, and vice versa.

KLW
5/31/
02

Each claim is patently distinct from all other claims.

Claims 1-174 read upon the provisionally elected species.

The applicant requests reconsideration. Claims 1, 62, 74, 101, 118, 125, 143, 152, 175, 182, 192, 193, 202, 204, 214 and 217 are allowable linking claims which link the hydrofoil craft hull and the hydrofoil. All describe the hydrofoil structure of Group I. All define the antifriction surfaces of elongated bodies (the hydrofoils) in many ways, which is encouraged by the Patent Law, Rules and established procedure. It is proposed that all claims be considered and allowed.

Alternatively, it is requested that the examiner consider claims to the hydrofoil craft of Figures 1-5 and 35-41 and their hydrofoils shown in Figures 6-22 and 24-27. Claims directed to those figures are claims 1-178. Claims 79-100, which define the hydrofoils as bodies; claims 105-124, claims 125-142 and 143-151, which define the hydrofoils as underwater bodies; and claims 152-220 as continuous underwater surfaces.